Date N /31/1978 F 2/1/1987 N /21/1992 L /31/1995 F /12/1996 F	 - 		· Gre	Sub Class 286 280 280 331	Filing Date (if approp.
Date N /31/1978 F 2/1/1987 N /21/1992 L /31/1995 F /12/1996 F	J.S. PAT Name Polak Maeda Lepelletie Reece	ENT DOCUMENT	Class 475 475 475 475 74	3681 Sub Class 286 280	
Date N /31/1978 F 2/1/1987 N /21/1992 L /31/1995 F /12/1996 F	Polak Maeda Lepelletie Reece	r	Class 475 475 475 74	Sub	
Date N /31/1978 F 2/1/1987 N /21/1992 L /31/1995 F /12/1996 F	Polak Maeda Lepelletie Reece	r	Class 475 475 475 74	Class 286 280 280	
/2/1/1987 N /21/1992 L /31/1995 F /12/1996 F	Maeda Lepelletie Reece Hirsch, et		475 475 74	280	.
/21/1992 L /31/1995 F 	Lepelletie Reece Hirsch, et		475	280	
/31/1995 F /12/1996 F	Reece Hirsch, et		74	· 	
/12/1996 F	Hirsch, et	: al.	·	331	 1
		al.	l 192		I
D/1/1996 L	Loeffler		1	48.91	
•			192	53.32	·
/4/1997 E	Beim, et a	al.	475	275	
/24/1997 C	Ogawa, e	t al.	192	53.341	· · · · · · · · · · · · · · · · · · ·
FC	OREIGN	PATENT DOCUM	1ENTS		
	Country		Class	Subclass	Translation Yes No
5/13/1997 J	Japan		F16H	3/62	· ·
1			1		
1				1	
ENTS (Includi	ling Auth	or, Title, Date, Pe	rtinent Page	s, Etc.)	
A		91_	/		
	e Conside	ered [7]	05		· · · · · · · · · · · · · · · · · · ·
-	NUL	ence considered wheth		ence considered whether or not citation is in conformation in the conformation in the conformation in the considered. Include c	Date Considered To the conformance with M if not in conformance with Include copy of this for the conformance with Include copy of this for the conformance and not considered.

Form PTO-FB-A820 (also PTO-1449) Patent & Trademark Office-US Dept. of Commerce

INF	ORN	MATION DISC	CLOSURE CIT	TATION V	WITH DOCUMENT				
Submitted by:				Atty. Docket No. GP-304396	Ser	Serial No. 10/807.705			
Ger	General Motors Corporation				Applicant Madhusudan Ragh	1			
					Filing Date Group 3681			 `/	
	-			U.S. PA	TENT DOCUMEN	TS			
Exa Init.		Document Number	Date	Name		Class	Sub Class	Filing Date (if approp.)	
7	2>	5,651,435	7/29/1997	Perosky	, et al.	192	219	1	
		5,975,263	11/2/1999	Forsyth	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	192	53.32	1	
		6,053,839	4/25/2000	Baldwin	n, et al.	475	281		
		6,071,208	6/6/2000	Koivune	en	475	275		
		6,083,135	7/4/2000	Baldwir	ı, et al.	475	276	1 .	
	6,217,474 4/17/2001 Ross, et		al.	475	269	1			
V		6,354,416	3/12/2002	Eo		192	53.341	1	
1	~	₾,375,592	4/23/2002	Takahas	shi, et al.	475	262	1	
				FOREIG	N PATENT DOCÚ	MENTS			
		Document Date Countr Number		у	Class	Subclass	Translation Yes _. No		
			1			l		l	
		1		<u> </u>	*******************	<u> </u>		1	
		1	1			1	1	1	
		OTHER DOC	UMENTS (Inc	luding Au	thor, Title, Date, P	ertinent Pag	es, Etc.)	***************************************	
		1						•	
		1			•			-	
		1		 J	\sim 1	/			
Exa	mine	15 V	M	Date Cons	idered	7/05			
					ether or not citation ce and not consider				
		ication to ann				-		•	

Form PTO-FB-A820 (also PTO-1449) Patent & Trademark Office-US Dept. of Commerce

INFOR	MATION DISC	CLOSURE CIT	TATION V	VITH DOCUME			·			
				Atty. Docket N	o. Sei	Serial No.				
Submit	tted by:			GP-304396	l	10/20	7775			
C	General Motors Corporation					1700	$\frac{1}{1}$			
Genera					Applicant / / / Madhusudan Raghavan, et al.					
				i Maunusudan Ka	ignavan, et al.					
				Filing Date	1.6	roup				
					i ~	368	1			
					•		2/			
				TENT DOCUM						
Exam.	Document	Date	Name		Class	Sub Class	Filing Date (if approp.)			
Init.	Number									
	6,422,969	7/23/2002	I Dachaus	on ot al	475	1 276				
	0,422,969 7/23/2002			Raghavan, et al.		276	 			
	6,425,841	7/30/2002	Haka		475	275	1			
						1				
- 1	6,471,615	10/29/2002	Naraki,	et al.	475	262	1			
6	6,558,287	5/6/2003	Hayabu	chi, et al.	475	271				
X	18,623,397	9/23/2003	Raghava		1 260	1.06.6				
	+0 ,023,397	9/23/2003	Kagnava	an, et al.	360	96.5	İ			
	1	1	1		I	l				
	1	1	1		i	1	1			
	·	·	·		·					
	i	1	1		1	1	1			
	Document Date		FOREIGN PATENT DOCUM Country			Class Subclass Translation				
	Number	Date	Country		Class	Junctass	Yes No			
	1 1.0	} 	·		·	! 	1165 110			
	1	1	1		1	1	1			
		·								
						1	1			
							•			
	I	1				l				
	OTHER DOC	IIMENTS (Inc	ludina Au	thor, Title, Date	Portinent Par	res Etc.)	***************************************			
		OMENTS (Inc	idding Au	thor, Thie, Date	i et tinent 1 a	ges, Etc.)				
	·									
	1									

	1									

	1	$\mathcal{L}\mathcal{L}$	/	a	1					
Examiner Julia Considered 7										
				ther or not citati						
			nforman	ce and not consid	lered. Include	copy of this fo	orm with next			
commu	nication to app	licant.	v 							

Form PTO-FB-A820 (also PTO-1449) Patent & Trademark Office-US Dept. of Commerce